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January 4, 1991

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Kathy Castagna
Regional Project Officer
U.S. Environmental Protection Agency
Waste Management Division
JFK Federal Building, Room 2203
Boston, Massachusetts 02203

Reference: Contract No. 68-W9-0003, TES 6
Work Assignment No. R01005
CIBA-GEIGY, Cranston, RI
Corrective Action Oversight

Subject: Deliverable: Trip Report

Dear Kathy:

In accordance with the reporting requirements of the subject Work Assignment, enclosed is a copy of the December 6, 1990 Trip Report for the CIBA-GEIGY facility. A copy has been delivered directly to the WAM.

Questions regarding this submission should be directed to the Alliance Project Manager, Joanna Hall at (508) 970-5757, extension 5146, or me.

Sincerely yours,

Peter Spawn

Peter Spawn
Regional Manager

PS/km

Enclosure

cc: Frank Battaglia/EPA Work Assignment Manager
Jill E. Robbins/TES-6 Contracting Officer (letter only)
Jack Lewis, Jr./Alliance TES-6 Contracts Manager (letter only)
Joanna Hall/Alliance Project Manager



SEMS DocID 638093

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Product Prepared in
Anticipation of Litigation**

**TRIP REPORT
CIBA-GEIGY
CORRECTIVE ACTION OVERSIGHT**

Prepared for

**U.S. ENVIRONMENTAL PROTECTION AGENCY
Waste Management Division
JFK Federal Building
Boston, Massachusetts 02203**

**Enforcement
Confidential**

Work Assignment No.:	R01005
EPA Region:	I
EPA Site/Facility I.D. No.:	
Contract No.:	68-W9-0003 (TES 6)
Alliance Document No.:	
Alliance Project No.	1-635-058-1-1000-0
Alliance Project Manager:	Joanna Hall
Telephone No.:	(508) 970-5600
Subcontract No.:	N/A
Subcontractor Project Manager:	N/A
Telephone No.:	N/A
EPA Work Assignment Manager:	Frank Battaglia
Telephone No.:	(617) 573-9643
Date Prepared:	January 4, 1991

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Boott Mills South
Foot of John Street
Lowell, Massachusetts 01852
(508) 970-5600**

EPA REGION I TRIP REPORT

Prepared By: Bruce Linton, Alliance Technologies, Environmental Scientist

Date: December 7, 1990

Project: RFI FIELD OVERSIGHT ACTIVITIES, CIBA GEIGY
FACILITY, CRANSTON, RI (R01005)

DESCRIPTION OF ACTIVITY

On December 6, 1990, Bruce Linton of Alliance Technologies visited the site at the request of the EPA Work Assignment Manager (WAM), Frank Battaglia. The purpose of this site visit was to observe soil and ground water sampling procedures and to obtain some representative samples which were subsequently submitted for laboratory analysis. Soil and ground water sampling activities were being conducted by Woodward-Clyde Consultants (WCC) of Wayne, N. J. Soil sampling of surface sample node 025, borings B-11A and B-2B and ground water sampling of monitoring wells 1-S and 1-D were the focus of the day's activities. The following is a summary of the field log for this particular event:

- 0746 Arrived at the site. Weather overcast, fairly windy, in low 30's. Met with Peter Naumoff, site manager, WCC. Instructed by him to sign site access log in the building used as their temporary office. Discussed the proposed activities for the day.
- 0800 Labelled bottles prior to contractor's sampling activities. Checked equipment (HNu) which was operative.
- 0850 Completed labelling bottles and adding preservatives to sample containers for volatile organics.
- 0900 Met with Jim Crowley, the CIBA GEIGY Site Manager.
- 0910 Met with Joe Duran, Assistant Site Manager, WCC.
- 0920 Entered former production area in Level D with Joe Duran. Proceeded to SWMU 11 and discovered that the HNu was now not working properly because of cold weather. Left SWMU 11 and returned to the office where tried to warm up the HNu. Could not get the HNu to operate. Returned to SWMU 11. Used WCC's HNu.

- 0924 The drill crew, Paul Hourton and Peter Rassol, of East Coast Drilling Corporation, advanced augers at B-11A. Joe Duran took a background HNu reading which was equal to 0.4 ppm.
- 0942 Joe Duran obtained an HNu reading of 600 ppm from the 3'-5' spoon. A slight, but noticeable odor (smelled like toluene), was apparent in the breathing zone. HNu readings in the breathing zone were less than 1 ppm due to the windy conditions.
- 0955 Joe Duran took his VOA sample from the 5'-7' spoon. He also split a VOA sample and a duplicate for EPA. He composited the remainder of the material in the 5'-7' spoon with the material taken from the 3'-5' spoon. Joe Duran completed taking his sample as well as EPA's samples. Labeled EPA samples B-11A-07 and B-11-07-D.
- 1018 Went with Joe Duran to SWMU B-2B.
- 1025 The drillers began to advance augers at SWMU B-2B. Joe Duran took an ambient air reading with the HNu which was equal to 0.4 ppm.
- 1031 Joe Duran obtained an HNu reading of 150 ppm from the 0-2' spoon.
- 1037 Joe Duran obtained an HNu reading of 6 ppm from the 2'-4' spoon.
- 1051 Joe Duran obtained an HNu reading of 0.4 ppm from the 4'-6' spoon.
- 1116 Joe Duran obtained an HNu reading of 0.2 ppm from the 6'-8' spoon. Peter Naumoff and Ed Hastings, WCC, took a rinse blank.
- 1121 Joe Duran took a VOA sample and one for EPA from the 8'-10' spoon. HNu readings from the spoon were 1.0 ppm. Joe Duran composited the remainder of the material and took his sample and one for EPA. Labeled EPA's sample B-2B-10.
- 1145 Went with Joe Duran to node 025 to take a surface soil sample. Node 025 is located approximately 20' northeast of SWMU B-2B.
- 1150 Frank Battaglia, EPA WAM, arrived on site. Brian Olson and Alison Simcox, EPA, also arrived on site.
- 1154 Joe Duran tried to dig down with a pick and shovel but was unable to due to an underlying cement foundation.
- 1200 Frank Battaglia suggested taking the surface sample at an alternate location.

- 1211 Went to the office to look at the site map to find an alternate location. Since none of the other surface soil locations contained elevated HNu readings above 2.0 ppm and surface soil location node 025 contained 150 ppm, Frank Battaglia decided to try again at node 025.
- 1305 Returned to node 025. Joe Duran found an area, approximately 5.0' from the stake, where he was able to dig down to 1.0' below surface grade. Obtained an HNu reading of 0.2 ppm from the hole.
- 1310 Joe Duran took a sample. He also took one for EPA. Obtained triple volume of extractables for laboratory MS/MSD analysis.
- 1330 Ed Hastings began to purge monitoring wells MW-1S and MW-1D.
- 1445 Ed Hastings took a rinse blank. He poured water through the 3' long 2" OD stainless steel bailer which he subsequently used to obtain a sample at monitoring well MW-1D.
- 1540 Ed Hasting took a ground water sample from MW-1D. He also took one for EPA. Obtained triple volume of extractables for laboratory MS/MSD analysis. Labeled the sample MW-1D.
- 1605 Peter Naumoff took a sample at MW-1S. He also took one for EPA. In addition, took a duplicate at MW-1S. He used a 3' long 2" OD stainless steel bailer to obtain the ground water samples. The sample was light brown in color and smelled like landfill leachate. Readings from the HNu were below 1 ppm. Labeled these samples MW-1S and MW-1S-D.
- 1615 Frank Battaglia, Brian Olson and Alison Simcox left the site.
- 1625 Ed Hastings completed bailing and sampling MW-1D.
- 1710 Peter Naumoff completed bailing and sampling MW-1S.
- 1715 Returned to the office to preserve samples and prepare them for shipment.
- 1845 Peter Naumoff, Ed Hastings and Joe Duran left the site.
- 1905 Left the site and went to a local Federal Express office with EPA's samples.

SUMMARY

In general, the work was performed professionally and accurately. All soil boring and sample collection procedures were performed as specified in the WCC's RFI Work Plan. Alliance was unable to observe WCC's decontamination procedure because all equipment or apparatus were decontaminated on an earlier date and wrapped in aluminum foil or were decontaminated by other WCC personnel while Bruce Linton was observing concurrent sampling procedures.